

PC-0027 US

<110> Yue, Henry  
Lasek, Amy W.  
Baughn, Mariah R.

<120> INTELECTIN

<130> PC-0027 US

<140> To Be Assigned

<141> Herewith

<160> 9

<170> PERL Program

<210> 1

<211> 325

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2921920CD1

<400> 1

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Phe	Phe	Ser	Val	Ala	Thr	Ser	Gly	Cys	Ser	Ala	Ala	Ala	Ala	Ser
				20					25					30
Ser	Leu	Glu	Met	Leu	Ser	Arg	Glu	Phe	Glu	Thr	Cys	Ala	Phe	Ser
				35					40					45
Phe	Ser	Ser	Leu	Pro	Arg	Ser	Cys	Lys	Glu	Ile	Lys	Glu	Arg	Cys
				50					55					60
His	Ser	Ala	Gly	Asp	Gly	Leu	Tyr	Phe	Leu	Arg	Thr	Lys	Asn	Gly
				65					70					75
Val	Val	Tyr	Gln	Thr	Phe	Cys	Asp	Met	Thr	Ser	Gly	Gly	Gly	Gly
				80					85					90
Trp	Thr	Leu	Val	Ala	Ser	Val	His	Glu	Asn	Asp	Met	His	Gly	Lys
				95					100					105
Cys	Thr	Val	Gly	Asp	Arg	Trp	Ser	Ser	Gln	Gln	Gly	Asn	Lys	Ala
				110					115					120
Asp	Tyr	Pro	Glu	Gly	Asp	Gly	Asn	Trp	Ala	Asn	Tyr	Asn	Thr	Phe
				125					130					135
Gly	Ser	Ala	Glu	Ala	Ala	Thr	Ser	Asp	Asp	Tyr	Lys	Asn	Pro	Gly
				140					145					150
Tyr	Tyr	Asp	Ile	Gln	Ala	Lys	Asp	Leu	Gly	Ile	Trp	His	Val	Pro
				155					160					165
Asn	Lys	Ser	Pro	Met	Gln	His	Trp	Arg	Asn	Ser	Ala	Leu	Leu	Arg
				170					175					180
Tyr	Arg	Thr	Asn	Thr	Gly	Phe	Leu	Gln	Arg	Leu	Gly	His	Asn	Leu
				185					190					195
Phe	Gly	Ile	Tyr	Gln	Lys	Tyr	Pro	Val	Lys	Tyr	Arg	Ser	Gly	Lys
				200					205					210
Cys	Trp	Asn	Asp	Asn	Gly	Pro	Ala	Ile	Pro	Val	Val	Tyr	Asp	Phe
				215					220					225
Gly	Asp	Ala	Lys	Lys	Thr	Ala	Ser	Tyr	Tyr	Ser	Pro	Tyr	Gly	Gln

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	230		235		240
Arg Glu Phe Val	Ala Gly Phe Val Gln	Phe Arg Val Phe Asn	Asn		
	245		250		255
Glu Arg Ala Ala	Asn Ala Leu Cys Ala	Gly Ile Lys Val Thr	Gly		
	260		265		270
Cys Asn Thr Glu	His His Cys Ile Gly	Gly Gly Gly Phe Phe	Pro		
	275		280		285
Gln Gly Lys Pro	Arg Gln Cys Gly Asp	Phe Ser Ala Phe Asp	Trp		
	290		295		300
Asp Gly Tyr Gly	Thr His Val Lys Ser	Ser Cys Ser Arg Glu	Ile		
	305		310		315
Thr Glu Ala Ala	Val Leu Leu Phe Tyr	Arg			
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<210> 2  
<211> 1142  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920CB1

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ggtgcagtgc agcagcagcc tcttctcttg agatgctctc gaggggaattc gaaacctgtg 180  
ccttctcctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagt 240  
caggtgatgg cctgtatttt ctccgcacca agaattgtgt tgtctaccag accttctgtg 300  
acatgaattc tgggggtggc ggctggaccc tgggtggccag cgtgcacgag aatgacatgc 360  
atgggaagtg cacggtgggt gatcgctggt ccagtcagca gggcaacaaa gcagactacc 420  
cagaggggga tggcaactgg gccaaactaca acacctttgg atctgcagag gcggccacga 480  
gcatgacta caagaaccct ggctactacg acatccaggc caaggacctg ggcattctggc 540  
atgtgcccaa caagtcctccc atgcagcatt ggagaaacag cgccttgctg aggtaccgca 600  
ccaacactgg ctctctccag agactgggac ataactctgt tggcatctac cagaaatacc 660  
cagtgaata cagatcagg aaatgttgga atgacaatgg ccagccata cctgtggtct 720  
atgactttgg tgatgctaag aagactgcat cttattactc accgtatggt caacgggaat 780  
ttgttgagg attcgttcag ttccgggtgt ttaataacga gagagcagcc aacgcccttt 840  
gtgctgggat aaaagttact ggctgtaaca ctgagcatca ctgcatcggt ggaggagggt 900  
tcttccca gggcaaaccc cgtcagtggt gggacttctc cgcctttgac tgggatggat 960  
atggaactca cgttaagagc agctgcagtc gggagataac ggaggcggt gtactcttgt 1020  
tctatagatg agacagagct ctgcggtgtc agggcgagaa cccatcttcc aaccccggt 1080  
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tc 1142

<210> 3  
<211> 276  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920H1

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from 1 to 276 of SEQ ID NO: 2

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ccatgctgag gacaatgacc agactctgct tcctgttatt cttctctgtg gccaccagtg 120  
ggtgcagtgc agcagcagcc tcttctcttg agatgctctc gaggggaattc gaaacctgtg 180  
ccttctcctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagtg 240  
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<210> 4  
<211> 497  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920F6

<220>  
<221> unsure  
<222> 266, 370, 398, 419, 428-430, 471-472  
<223> a, t, c, g, or other

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ccatgctgag gacaatgacc agactctgct tcctgttatt cttctctgtg gccaccagtg 120  
ggtgcagtgc agcagcagcc tcttctcttg agatgctctc gaggggaattc gaaacctgtg 180  
ccttctcctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagtg 240  
caggtgatgg cctgtatttt ctcgcacca agaattggtg tgtctaccag accttctgtg 300  
acatgacttc tgggggtggc ggctgggacc tgggtggccag cgtgcacgag aatgacatgc 360  
atgggaagtn cacggtgggt gatcgctggt ccagtcacaa gggcaacaaa gcagactanc 420  
cagaggnnn atggcaactg ggccaactac aacacctttg gatctgcaga nngcggccac 480  
gaacgatgac tacaaga 497

<210> 5  
<211> 606  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920T6

<220>  
<221> unsure  
<222> 232, 567, 573  
<223> a, t, c, g, or other

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gactgcagct gctcttaacg tgagtcccat atccatccca gtcaaaggcg gagaagtccc 180  
cacactgacg gggtttgccc tgtgggaaga accctcctcc accgatgcag tnatgtcag 240  
tgttacagcc agtaactttt atcccagcac aaaggcggtt ggctgctctc tcgttattaa 300  
acaccgggaa ctgaacgaat cctgcaacaa attcccgttg accatacggg gagtaataag 360  
atgcagtctt cttagcatca ccaaagtcac agaccacagg tatggctggg ccattgtcat 420  
tccaacattt ccctgatctg tatttcactg ggtatttctg gtagatgcca aacagattat 480  
gtcccagctc ctggaggaag ccagtgttgg tgcggtacct cagcagggcg ctgtttctcc 540  
aatgctgcat gggggacttg ttggggaaca tttcagatgc ccaggtcctt ggcttggatg 600  
tcgtag 606

1-497 of SEQ ID NO: 2

not a fragment

1-666 of SEQ ID NO: 2

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<210> 6  
<211> 360  
<212> DNA  
<213> *Rattus norvegicus*

<220>  
<221> misc\_feature  
<223> Incyte ID No: 700589815H1

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tggaacacaa caaagggacc cattctttct ttgactctct gtccagaagc tgcaaggaaa 180  
tcaaggagga gaacacaggg gctcaagatg gcctctatct cctgcgcacg gagaatgggtg 240  
tcatctacca gaccttctgt gacatgacca ctgcaggtgg tggctggacc ctggtggcta 300  
gcgtgcatga gaacaacatg ggtgggaagt gcacagtggg cgatcgctgg tccagtcagc 360

<210> 7  
<211> 748  
<212> DNA  
<213> *Rattus norvegicus*  
<220>  
<221> misc\_feature  
<223> Incyte ID No: 207717\_Rn.2

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ctggctactt cgaacatcca ggtcgagaac ctgggcatct ggcacgtgcc cttactacag 180  
ccccctgcac aactggagga acagctcctt gctgcggtag cgcaccttca ctggcttctt 240  
gcagcatctg ggccataatc tgtttggcct ctaccagaag tatcccgggtg aaatatggag 300  
taggaaagtg ttggactgac aatggccccg cgttacctgt ggtctatgac tatggtggat 360  
gctcagaaga ctgcctctta ttattcccca tacggccaga ggggaattcac tgcaggattt 420  
gttcagttca gagtgtataa taatgagaga gcggccagtg ccttgtgtgc tggcgtgagg 480  
gtcactggat gcaattctga agctcactgc atcggtggag gaggattctt tccagaaggt 540  
aaccaccaggc agtgtggaga cttcggggag tttgattgga acggatacgg aactcacact 600  
gggtacagca gtagccgggc gataactgaa gcagccgtgc ttctgttcta tcgctgagaa 660  
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gacctagtaa ctaagatggt aatgagca 748

<210> 8  
<211> 313  
<212> PRT  
<213> *Homo sapiens*

<220>  
<221> misc\_feature  
<223> Genbank ID No: g8096221

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Gly Trp Ser Thr Asp Glu Ala Asn Thr Tyr Phe Lys Glu Trp Thr  
20 25 30  
Cys Ser Ser Ser Pro Ser Leu Pro Arg Ser Cys Lys Glu Ile Lys  
35 40 45

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Asp	Glu	Cys	Pro	Ser	Ala	Phe	Asp	Gly	Leu	Tyr	Phe	Leu	Arg	Thr	
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Glu	Asn	Gly	Val	Ile	Tyr	Gln	Thr	Phe	Cys	Asp	Met	Thr	Ser	Gly	
				65					70					75	
Gly	Gly	Gly	Trp	Thr	Leu	Val	Ala	Ser	Val	His	Glu	Asn	Asp	Met	
				80					85					90	
Arg	Gly	Lys	Cys	Thr	Val	Gly	Asp	Arg	Trp	Ser	Ser	Gln	Gln	Gly	
				95					100					105	
Ser	Lys	Ala	Asp	Tyr	Pro	Glu	Gly	Asp	Gly	Asn	Trp	Ala	Asn	Tyr	
				110					115					120	
Asn	Thr	Phe	Gly	Ser	Ala	Glu	Ala	Ala	Thr	Ser	Asp	Asp	Tyr	Lys	
				125					130					135	
Asn	Pro	Gly	Tyr	Tyr	Asp	Ile	Gln	Ala	Lys	Asp	Leu	Gly	Ile	Trp	
				140					145					150	
His	Val	Pro	Asn	Lys	Ser	Pro	Met	Gln	His	Trp	Arg	Asn	Ser	Ser	
				155					160					165	
Leu	Leu	Arg	Tyr	Arg	Thr	Asp	Thr	Gly	Phe	Leu	Gln	Thr	Leu	Gly	
				170					175					180	
His	Asn	Leu	Phe	Gly	Ile	Tyr	Gln	Lys	Tyr	Pro	Val	Lys	Tyr	Gly	
				185					190					195	
Glu	Gly	Lys	Cys	Trp	Thr	Asp	Asn	Gly	Pro	Val	Ile	Pro	Val	Val	
				200					205					210	
Tyr	Asp	Phe	Gly	Asp	Ala	Gln	Lys	Thr	Ala	Ser	Tyr	Tyr	Ser	Pro	
				215					220					225	
Tyr	Gly	Gln	Arg	Glu	Phe	Thr	Ala	Gly	Phe	Val	Gln	Phe	Arg	Val	
				230					235					240	
Phe	Asn	Asn	Glu	Arg	Ala	Ala	Asn	Ala	Leu	Cys	Ala	Gly	Met	Arg	
				245					250					255	
Val	Thr	Gly	Cys	Asn	Thr	Glu	His	His	Cys	Ile	Gly	Gly	Gly	Gly	
				260					265					270	
Tyr	Phe	Pro	Glu	Ala	Ser	Pro	Gln	Gln	Cys	Gly	Asp	Phe	Ser	Gly	
				275					280					285	
Phe	Asp	Trp	Ser	Gly	Tyr	Gly	Thr	His	Val	Gly	Tyr	Ser	Ser	Ser	
				290					295					300	
Arg	Glu	Ile	Thr	Glu	Ala	Ala	Val	Leu	Leu	Phe	Tyr	Arg			
				305					310						

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 <211> 313  
 <212> PRT  
 <213> Mus musculus  
 <220>  
 <221> misc\_feature  
 <223> Genbank ID No: g3357909

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				20					25					30	
Asn	Ser	Phe	Phe	Ser	Ser	Leu	Pro	Arg	Ser	Cys	Lys	Glu	Ile	Lys	
				35					40					45	
Gln	Glu	His	Thr	Lys	Ala	Gln	Asp	Gly	Leu	Tyr	Phe	Leu	Arg	Thr	
				50					55					60	
Lys	Asn	Gly	Val	Ile	Tyr	Gln	Thr	Phe	Cys	Asp	Met	Thr	Thr	Ala	
				65					70					75	

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Gly	Gly	Gly	Trp	Thr	Leu	Val	Ala	Ser	Val	His	Glu	Asn	Asn	Met
				80					85					90
Arg	Gly	Lys	Cys	Thr	Val	Gly	Asp	Arg	Trp	Ser	Ser	Gln	Gln	Gly
				95					100					105
Asn	Arg	Ala	Asp	Tyr	Pro	Glu	Gly	Asp	Gly	Asn	Trp	Ala	Asn	Tyr
				110					115					120
Asn	Thr	Phe	Gly	Ser	Ala	Glu	Ala	Ala	Thr	Ser	Asp	Asp	Tyr	Lys
				125					130					135
Asn	Pro	Gly	Tyr	Phe	Asp	Ile	Gln	Ala	Glu	Asn	Leu	Gly	Ile	Trp
				140					145					150
His	Val	Pro	Asn	Lys	Ser	Pro	Leu	His	Asn	Trp	Arg	Lys	Ser	Ser
				155					160					165
Leu	Leu	Arg	Tyr	Arg	Thr	Phe	Thr	Gly	Phe	Leu	Gln	His	Leu	Gly
				170					175					180
His	Asn	Leu	Phe	Gly	Leu	Tyr	Lys	Lys	Tyr	Pro	Val	Lys	Tyr	Gly
				185					190					195
Glu	Gly	Lys	Cys	Trp	Thr	Asp	Asn	Gly	Pro	Ala	Leu	Pro	Val	Val
				200					205					210
Tyr	Asp	Phe	Gly	Asp	Ala	Arg	Lys	Thr	Ala	Ser	Tyr	Tyr	Ser	Pro
				215					220					225
Ser	Gly	Gln	Arg	Glu	Phe	Thr	Ala	Gly	Tyr	Val	Gln	Phe	Arg	Val
				230					235					240
Phe	Asn	Asn	Glu	Arg	Ala	Ala	Ser	Ala	Leu	Cys	Ala	Gly	Val	Arg
				245					250					255
Val	Thr	Gly	Cys	Asn	Thr	Glu	His	His	Cys	Ile	Gly	Gly	Gly	Gly
				260					265					270
Phe	Phe	Pro	Glu	Gly	Asn	Pro	Val	Gln	Cys	Gly	Asp	Phe	Ala	Ser
				275					280					285
Phe	Asp	Trp	Asp	Gly	Tyr	Gly	Thr	His	Asn	Gly	Tyr	Ser	Ser	Ser
				290					295					300
Arg	Lys	Ile	Thr	Glu	Ala	Ala	Val	Leu	Leu	Phe	Tyr	Arg		
				305					310					